
MUSCLE & NERVE

INDEX TO VOLUME 10

ISSUES 1-9
Jan 1987-Nov/Dec 1987



A John Wiley & Sons Medical Publication

All rights reserved.
© 1987 by John Wiley & Sons, Inc.

Printed in U.S.A.

AUTHOR INDEX TO VOLUME 10

This index lists, in alphabetical order, the names of authors of all articles, abstracts, and letters. Full citation is provided under the first author only, with reference made from joint authors. Abstracts and letters are distinguished from articles by the following code: A = abstract, L = letter.

A

- Abresch RT, see Enrikin RK
Adelman L, see Van den Bergh P
Alamo L
 see Condrescu M
 see López JR
Alba AS, see Bach JR
Albers JW
 see Barry DT
 see Donofrio PD
Alderson MK, Petajan JH: Relative refractory period: a measure to detect early neuropathy in alcoholics, 323-328
Alexander LO, Olney RK: Normal variability of sensory nerve action potential amplitude, 645-A
Amassian VE, see Maccabee PJ
Anciones B, see Cruz Martínez A
Andary MT, Nutter PB, Stolov WC: Sympathetic skin response in fifth lumbar and first sacral radiculopathy, 658-A
Andermann F: Obituary, Dr. Andre Barbeau, 291-292
Andersen K, Gimsing P, Melgaard B, Hippe E: Alcoholic neuropathy and vitamin deficiency, 650-A
Anstandig J, Wilbourn AJ: Iatrogenic median nerve lesions at the elbow: EMG features in twelve patients, 647-A
Antoku Y, see Sakai T
Apple FS, see Clarkson PM
Araki M, see Shen D-G
Armon C, Daube JR: Electrophysiologic changes in arteriovenous malformation of the spinal cord, 659-A
Arnold DL, see Lane RJM
Arora RC, Kuncel RW, Morgan J, Cohen L, Meltzer HY: Serotonin uptake in blood platelets of Duchenne muscular dystrophy patients, 359-362
Asayama K, see Burr IM

B

- Bach JR, O'Brien J, Krotenberg R, Alba AS: Management of end stage respiratory failure in Duchenne muscular dystrophy, 177-182
Baden E, see Cornblath DR
Bain JLW, see Riley DA
Baker JH, Margolis RN: Calcium-activated protease activity in tenotomized muscle, 34-40
Ball S, see Davies KE
Ballantyne JP, see Jamal GA
Ballanyi K, see Lehmann-Horn F
Bandman E, see Shelton GD
Baran EM, see Platt K
Barkhaus PE, Nandedkar SD, Sanders DB: Computer-aided EMG findings in inflammatory myopathy, 622-A
Barnett JG, Ellis S: Prostaglandin E_2 and the regulation of protein degradation in skeletal muscle, 556-559
Barohn RJ, Warmolts JR, Kissel JT, Mendell JR: Electrophysiologic findings in chronic inflammatory demyelinating polyneuropathy, 650-A
Barry DT, Albers JW: Use of endplate noise analysis to determine miniature endplate potential characteristics, 662-A
Barry DT, Gordon KE, Yoon J, Hinton GG: Muscle sounds in neuromuscular disease, 658-A
Bashuk RG, Krendel DA: Myasthenia gravis presenting as weakness after magnesium administration, 666-A
Bassam BA, Meyer FN, Canedo JA: Recurrent idiopathic serratus anterior palsy, 663-A
Bauer S, see Sethi RK
Beaudry TM, see Mickelson JR
Becker C, see Green J
Belhumeur C, see Tremblay JP
Beric A: Neurophysiologic assessment of anesthesia, 649-A

- Beric A, McKay WB, Prevec TS: An improved somatosensory evoked potential technique for evaluation of incomplete spinal cord injury patients, 649-A
Bertorini TE, see Metcalf JC Jr
Bescansa E, see Cruz Martínez A
Betz R, see Platt K
Beydoun SR
 see Sarka G
 Prominent complex repetitive discharges in patients with severe muscle wasting, 659-A
Bhattacharya SK, Crawford AJ, Pate JW: Electrocardiographic, biochemical, and morphologic abnormalities in dystrophic hamsters with cardiomyopathy, 168-176
Bloom JW, see Dyro FM
Bodensteiner J, Schochet Jr S: Normal supraspinatus muscle, 838-839L
Bolton CF: Electrophysiologic studies of critically ill patients, 129-135
Bore PJ, see Lane RJM
Bournaud R, Mallart A: Potassium channel blockers and impulse propagation in murine motor endplate disease, 1-5
Boyd JC, see Levin R
Bradley WG
 see Cohen MH
 Recent views on amyotrophic lateral sclerosis with emphasis on electrophysiological studies, 490-502
Brady ST, see Sahenk Z
Brandon S, see Serafin WE
Brenner JR, see Cohen MH
Brin MF, see Lange DJ
Brismar T, see Strigård K
Bromberg A, see Hassan NF
Bromberg MB, Donofrio PD, Segal BM: Polymyalgia rheumatica: unusual electromyographic findings, 657-A
Brooke MH, see Moxley RT III

- Brown MJ, Rosen JL, Lisak RP:
Demyelinating in vivo by
Guillain-Barré syndrome and other
human serum, 263-271
- Brown WF: Conduction block—the
proportion versus the types of motor
units blocked, 646-A
- Bruns DE, see Levin R
- Buchalter J, see Jones HR Jr
- Buchman A, see Eisen AA
- Buday J, Smith E, Palliyath S:
Electrodiagnosis and computerized
tomography correlation in sciatic nerve
secondary to anticoagulation, 652-A
- Budingen HJ, see Olney RK
- Burke A, see Perlik SJ
- Burr IM, Asayama K, Fenichel GM:
Superoxide dismutases, glutathione
peroxidase, and catalase in
neuromuscular disease, 150-154
- Byrnes WC, see Clarkson PM

C

- Campanella G, see Caruso G
- Campbell WW, see Gibson L
- Campbell WW, Pridgeon RM, Leahy M:
Sparing of the flexor carpi ulnaris in
ulnar neuropathy at the elbow, 652-A
- Canal N, see Comi G
- Canedo JA, see Bassam BA
- Carcco JB, see Hassan NF
- Cardasis CA, La Fontaine DM: Aging rat
neuromuscular junctions: a
morphometric study of
cholinesterase-stained whole mounts
and ultrastructure, 200-213
- Cardinet GH III, see Shelton GD
- Carpenter S, see Rouleau G
- Caruso G, Santoro L, Perretti A, Massini
R, Pelosi L, Crisci C, Ragno M,
Campanella G, Filla A: Friedreich's
ataxia: electrophysiological and
histologic findings in patients and
relatives, 503-515
- Cashman N, see Maselli RA
- Chamely A, see Wilbourn AJ
- Chamely A, Husid M, Wilbourn AJ: The
intramyotomal distribution of
abnormalities with L5 and S1/S2
radiculopathies, 654-A
- Chang CW, see Oh SJ
- Chapman SJ, see Edwards RHT
- Chokroverty S, Duboisin RC: Magnetic
stimulation of the peripheral nerves,
642-A
- Chortkoff BS, see Snow MH
- Chou S, see Wong MCW
- Chou SM, see Levin KH
- Chu J, Kwon HK: Influence of needle
electrode type and reference electrode
placement on the normal motor unit
action potential, 654-A
- CIDD Group, see Moxley RT III
- Clamann HP, see Dubose L
- Clark JB, see Galdo AP
- Clark MJ, see Shields RW Jr
- Clarkson PM, Apple FS, Byrnes WC,
McCormick KM, Triffletti P: Creatine
kinase isoforms following isometric
exercise, 41-44

- Coakley JH, Smith PEM, Helliwell TR,
Edwards RHT: Conchotome biopsy of
the anterior tibial muscle, 670-L
- Cohen L, see Arora RC
- Cohen LG, see Warden M
- Cohen MH, Lester JM, Bradley WG,
Brenner JF, Hirsch RP, Silber DI,
Ziegelmiller D: A computer model of
denervation-reinnervation in skeletal
muscle, 826-836
- Comi G, Martinelli V, Medaglini S,
Locatelli T, Canal N, Triulzi F, Del
Maschio A: Evoked potentials and
magnetic resonance imaging in the
diagnosis of multiple sclerosis patients,
645-A
- Conchin T, see Ouvrier RA
- Condrescu M, López JR, Medina P,
Alamo L: Deficient function of the
sarcoplasmic reticulum in patients
susceptible to malignant hyperthermia,
238-241
- Conradi S, see Ronnevi L-O
- Copson MO, see Rivner MH
- Cornblath DR, Kuncel RW, Rechthand E,
Watson D, Yee WC, Baden E, DiPietro
C: The value of rectus abdominal
muscle electromyography, 376-L
- Cox EL, see van der Walt JD
- Cracco RQ
see Hassan NF
see Maccabee PJ
- Crate JR, see Spire JP
- Crawford AJ, see Bhattacharya SK
- Crisci C, see Caruso G
- Cruse RP, see Lederman RJ
- Cruz Martinez A, Gonzalez P, Garza E,
Bescansa E, Anciones B:
Electrophysiologic follow-up in
Whipple's disease, 616-620
- Currey K, see Petajan JH

D

- Dahm M, see Nix WA
- Dambrosia J
see Hallett M
see Warden M
- Daube JR, see Armon C
- Davies KE, Forrest S, Smith T, Kenwick
S, Ball S, Dorkins H, Patterson M:
Molecular analysis of human muscular
dystrophies, 191-199
- Del Maschio A, see Comi G
- Dement SH, see Serafin WE
- DiCarlo EF, see Stern R
- DiMauro S, see Galassi G
- Dimitrijevic MM, Dimitrijevic MR,
Sherwood AM: Electromyographic
evaluation of upper motor neuron
dysfunctions in patients with
neurologic disorders, 666-A
- Dimitrijevic MR, see Dimitrijevic MM
- Dimitrijevic MR, Eaton WJ, van der
Linden C: Lower-limb
polyelectromyographic responses
evoked by electrical stimulation of the
cortex, 642-A
- DiPietro C, see Cornblath DR
- Donofrio PD
see Bromberg MB

see Walker FO

- Donofrio PD, Walker FO: Tabes
dorsalis: electrodiagnostic features,
654-A
- Donofrio PD, Wilbourn AJ, Albers JW,
Rogers L, Salanga V, Greenberg HS:
Acute arsenic intoxication presenting
as Guillain-Barre-like syndrome,
114-120
- Dorfman LJ, see Howard JE
- Dorfman LJ, Howard JE, McGill KC:
Effect of contractile force on
properties of motor unit action
potentials measured using automatic
decomposition electromyography,
668-A
- Dorkins H, see Davies KE
- Downham D, see Sjöström M
- Droege T, see Sanders DB
- Duboisin RC, see Chokroverty S
- Dubose L, Schelhorn TB, Clamann HP:
Changes in contractile speed of cat
motor units during activity, 744-752
- Dulhunty AF: Rods in the terminal
cisternae of skeletal muscle, 783-789
- Dumitru D, Kalantri A: Traumatic
plantar neuropathy and somatosensory
evoked potentials, 650-A
- Dunne JW, Prentice DA, Stewart-Wynne
EG: Bilateral anterior interosseous
nerve syndromes associated with
cytomegalovirus infection, 446-448
- Dyro F, see Sethi RK
- Dyro FM, Talalla A, Yalla SV, Bloom
JW: Implanted sacral root stimulators:
pre- and post-operative studies, 656-A

E

- Eaton WJ, see Dimitrijevic MR
- Edwards RHT
see Coakley JH
see Jackson MJ
- Edwards RHT, Chapman SJ, Newham
DJ, Jones DA: Practical analysis of
variability of muscle function
measurements in Duchenne muscular
dystrophy, 6-14
- Eisen A, Odusote K, Li D, Robertson W,
Purvis S, Eisen K, Paty D: Comparison
of magnetic resonance imaging with
somatosensory testing in MS subjects,
385-390
- Eisen AA, Hoirsch M, Garrison S, Wright
N, Buchman A: Computer analysis of
single fiber motor unit characteristics,
668-A
- Eisen K, see Eisen A
- Ellis S
see Barnett JG
see Riley DA
- England JD, see Rhee EK
- England JD, Sumner AJ: Neuralgic
amyotrophy: an increasingly diverse
entity, 60-68
- Entikiri RK, Abresch RT, Sharman RB,
Larson DB, Levine NA: Contractile
and EMG studies of murine myotonia
(mto) and muscular dystrophy (dy/dy),
293-298

F

- Fahn S, see Lange DJ
 Fazi M, see Houlden DA
 Feinerman GS, Perlik SJ, Fisher MA:
 Focal nerve injury in diabetic
 polyneuropathy, 651-A
 Feldman RM: EMG changes in muscles
 affected by postpolio syndrome, 660-A
 Fenichel GM
 see Burr IM
 see Moxley RT III
 Ferrell WG, see Walker FO
 Filla A, see Caruso G
 Fine EJ, Soria E, Parowski M: Tremor
 studies in 1889, 655-A
 Fine EJ, Soria E, Paroski M, Thomasula
 L, Petryk D: Neurophysiologic study
 of subacute combined degeneration,
 655-A
 Fisher MA
 see Feinerman GS
 see Perlik SJ
 Fitts SS, see Nutter PB
 Flood T, see Hallett M
 Florini JR: Hormonal control of muscle
 growth, 577-598
 Forrest S, see Davies KE
 Fries TJ, see Kennedy WR
 Fukumoto Y, see Hara N

G

- Gabreëls-Festen AAWM, see
 Schoonhoven R
 Galassi G, Rowland LP, Hays AP,
 Hopkins LC, DiMauro S: High serum
 levels of creatine kinase: asymptomatic
 prelude to distal myopathy, 346-350
 Galdo AP, Clark JB: An unusual case of
 carnitine palmityl transferase
 deficiency, 666-A
 Gallant EM, see Mickelson JR
 Garner SH, Hicks A, McComas A:
 Twitch potentiation during recovery
 from fatigue, 649-A
 Garrison S, see Eisen AA
 Garza E, see Cruz Martínez A
 Gianturco L, see Jones HR Jr
 Gibson L, Campbell WW: Lower
 extremity nerve conduction changes in
 patients with a spinal cord injury,
 653-A
 Gieron MA, Korthals JA: Remarkable
 resistance of the nerve to ischemia,
 85-L
 Gilchrist JM, Sanders DB: Double-step
 repetitive stimulation in myasthenia
 gravis, 233-237
 Gimsing P, see Andersen K
 Giuliani M, see Levin KH
 Gold J, see Stern R
 González P, see Cruz Martínez A
 Gordon KE, see Barry DT
 Grafe P, see Lehmann-Horn F
 Graham R, see Sarka G
 Grandis AS, see Massey JM
 Graziano H, see Soliven B
 Green A, see Soliven B
 Green J: A retrospective analysis of
 spinal somatosensory evoked
 potentials, 658-A

- Green J, Becker C, Green S: Sympathetic
 skin-response abnormalities correlated
 with abnormal infrared thermogram in
 patients with low back pain and
 radiculopathy, 658-A
 Green S, see Green J
 Greenberg HS, see Donofrio PD
 Gregoire L, see Tremblay JP
 Griggs RC, see Moxley RT III
 Gross PT, see Jones HR Jr
 Gross PT, Jones HR Jr: Clinical and
 EMG correlation in proximal median
 neuropathies, 653-A

H

- Hallett M
 see Khoshbin S
 see Panizza M
 see Warden M
 Hallett M, Flood T, Slater N, Dambrosia
 J: Trial of ganglioside therapy for
 diabetic neuropathy, 822-825
 Hammond MC, see Nutter PB
 Hansen S, see Jamal GA
 Hanson MR, see Lederman RJ
 Hara N, Mineo I, Kono N, Shimizu T,
 Yamada Y, Kawachi M, Suzuki K,
 Fukumoto Y, Tarui S: Enhanced
 release of ammonia and hypoxanthine
 from exercising muscles in patients
 with idiopathic hypoparathyroidism,
 599-602
 Harmon M, see Nelson KR
 Harpold GJ, see Walker FO
 Harris JW, see Shields RW Jr
 Hassan NF, Bromberg A, Maccabee PJ,
 Cracco JB, Cracco RQ: Short-latency
 somatosensory evoked potentials in
 three dimensions, 644-A
 Haverkort-Poels PJE, Joosten EMC,
 Ruitenbeek W: Prevention of
 recurrent exertional rhabdomyolysis by
 dantrolene sodium, 45-46
 Hays AP, see Galassi G
 Heininger K, see Toyka KV
 Helliwell TR, see Coakley JH
 Hess CW, see Schrieffer TN
 Hicka A, see Garner SH
 Higuchi I
 see Shen D-G
 see Sugita H
 Higuchi I, Ishiura S, Nonaka I, Sugita
 H: Immunohistochemical localization
 of AMP deaminase in rimmed vacuoles
 in human skeletal muscle, 790-800
 Hill EJ, see Serafin WE
 Hinton GG, see Barry DT
 Hippe E, see Andersen K
 Hirsch RP, see Cohen MH
 Hoirch M, see Eisen AA
 Holden L, Smith E, Palliyath S:
 Refractory studies of the median
 sensory nerve in carpal tunnel
 syndrome, 652-A
 Holland P, see Rouleau G
 Hopkins LC, see Galassi G
 Horikawa H, see Konagaya M
 Horowitz SH: Hemifacial spasm and
 facial myokymia: electrophysiological
 findings, 422-427

- Houlden DA, Li C, Rowed DW,
 Schwartz ML, Fazl M: The cervical
 somatosensory evoked potential in C2
 spinal cord injury and craniocervical
 dislocation, 644-A
 Howard JE, see Dorfman LJ
 Howard JE, Dorfman LJ, McGill KC:
 Influence of needle electrode type on
 motor unit action potential properties
 measured using automatic
 decomposition electromyography,
 653-A
 Howard JF, see Sanders DB
 Husid M
 see Chamely A
 see Wilbourn AJ

I

- Iaizzo PA, see Quinlan JG
 Idiaquez J: Autonomic dysfunction in
 peripheral neuropathies, 652-A
 Ignacio D, see Pavot AP
 Isaacs H, Whistler T: Diagonal Z-lines:
 an unexplained electron microscopic
 finding, 406-409
 Ishiura S, see Higuchi I
 see Higuchi I
 see Sugita H

J

- Jabre JF: A new electrode for the
 concentric trigger of
 macroelectromyographic potentials,
 662-A
 Jack CR, see Wineinger MA
 Jackson IMD, see Van den Bergh P
 Jackson MJ, Round JM, Newham DJ,
 Edwards RHT: An examination of
 some factors influencing creatine
 kinase in the blood of patients with
 muscular dystrophy, 15-21
 Jacome DE: Pseudobulbar motor neuron
 disease, 666-A
 Jamal GA, Hansen S, Weir AI,
 Ballantyne JP: The neurophysiologic
 investigation of small fiber
 neuropathies, 537-545
 Jaspan J, see Soliven B
 Jones DA, see Edwards RHT
 Jones HR Jr, see Gross PT
 Jones HR Jr, Gross PT, Gianturco L,
 Buchalter J: Peroneal nerve palsy in
 children, 664-A
 Joosten EMC, see Haverkort-Poels PJE
 Joyn RL: Relationship between velocity
 and amplitude in median nerves,
 650-A
 Joy JL, Oh SJ: Reflex improvement after
 exercise in the Lambert-Eaton
 syndrome, 671-672-L

K

- Kaji R, Sumner AJ: Mechanism of
 latency prolongation in somatosensory
 evoked potentials of the posterior tibial
 nerve, 644-A

Kalantry A, see Dumitru D
 Kaplove KA: Reanalysis: impulse activity and fiber type transformation, 375-L
 Karlsson E, see Ronnevi L-O
 Karpatis G, see Rouleau G
 Katirji MB, Wechsler LR, VanThiel D: Brachial plexopathy following liver transplantation, 651-A
 Kato K, see Mokuno K
 Kawachi M, see Hara N
 Kawai H, Nishino H, Nishida Y, Masuda K, Saito S: Localization of myoglobin in human muscle cells by immunoelectron microscopy, 144-149
 Kelly JJ Jr, see Van den Bergh P
 Kennedy WR, Fries TJ, Navarro X: Small nerve fiber involvement in diabetic neuropathy, 648-A
 Kenwick S, see Davies KE
 Khoshbin S, Hallett M, Lunbeck R: Predictors of patients' experience of pain in EMG, 629-632
 Kissel JT, see Barohn RJ
 Klamut HJ, Kotarba JA, Strickland KP: Calmodulin levels in developing muscle tissues and primary cultures of normal and dystrophic (UM-X7.1) hamsters, 69-76
 Kjareskog L, see Strigård K
 Konagaya M, Konagaya Y, Horikawa H, Takayanagi T: Increased serum myosin light chain 3 level in neuromuscular diseases, 415-421
 Konagaya Y, see Konagaya M
 Kono N, see Hara N
 Korthals JA, see Gieron MA
 Kotarba JA, see Klamut HJ
 Kozachuk W, see Wong MCW
 Kraft GH, see Nutter PB
 Krarup C, see Sethi RK
 Krarup C, Upton J: Electrophysiologic investigation of aberrant reinnervation after complete severance and reattachment of the upper extremity, 646-A
 Krendel DA, see Bashuk RG
 Krendel DA, Sanders DB, Massey JM: Single fiber electromyography in chronic progressive external ophthalmoplegia, 299-302
 Kresch E, see Platt K
 Kristensson K, see Strigård K
 Krotenberg R, see Bach JR
 Kucel RW
 see Arora RC
 see Cornblath DR
 Kuo TH, see Spalla M
 Kupsh CC, see MacIntosh BR
 Küther G, see Lehmann-Horn F
 Kwon HK, see Chu J

L

LaFontaine DM, see Cardasis CA
 Lambert EH, see Quinlan JG
 Lane RJM, Arnold DL, Bore PJ, Taylor DJ, Radda CK, Walton J: ³¹P-NMR studies in patients with exertional muscle pain syndrome (EMPS) responding to verapamil, 183-L

Lange DJ
 see Uncini A
 see Younger DA
 Lange DJ, Brin MF, Warner CL, Fahn S, Lovelace RE: Distant effects of local injection of botulinum toxin, 552-555
 Lange DJ, Lovelace RE: Differentiating postpolio muscular atrophy from motor neuron disease: role of macroelectromyography, 660-A
 Larson DB, see Entrikin RK
 Leahy M, see Campbell WW
 Leake J, see van der Walt JD
 Lechan RM, see Van den Bergh P
 Lederman RJ, see Levin KH
 Lederman RJ, Wilbourn AJ, Hanson MR, Cruse RP: Nontraumatic spinal accessory neuropathy, 664-A
 Lehmann-Horn F, Küther G, Ricker K, Grafe P, Ballanyi K, Rüdel R: Adynamia episodica hereditaria with myotonia: a non-inactivating sodium current and the effect of extracellular pH, 363-374
 Lehmann-Horn F, Rüdel R, Ricker K: Membrane defects in paramyotonia congenita (Eulenburg), 633-641
 Leivseth G, Tindall A, Myklebust R: Changes in guinea pig muscle histology in response to reduced mobility, 410-414
 Lemeignan M, see Molgó J
 Lester JM, see Cohen MH
 Levin KH, Chou SM, Giuliani M: The neuromyopathy of celiac disease, 648-A
 Levin KH, Lederman RJ, Wilbourn AJ: Spectrum of EMG changes in radiation brachial plexopathy, 656-A
 Levin R, Pascuzzi RM, Bruns DE, Boyd JC, Toly TM, Phillips LH II: The time course of creatine kinase elevation following concentric needle EMG, 242-245
 Levine NA, see Entrikin RK
 Lexell J, see Sjöström M
 Li C, see Houlden DA
 Li D, see Eisen A
 Lieberman JS, see Taylor RG
 Lightfoot WE II, see Pavot AP
 Linn DJ, see Parry GJ
 Lisak RP, see Brown MJ
 Litchy WJ
 see Quinlan JG
 see Wineinger MA
 Liu K-T, see Shen D-G
 Liwnicz B, see Wong MCW
 Locatelli T, see Comi G
 López JR, see Condrescu M
 López JR, Medina P, Alamo L: Dantrolene sodium is able to reduce the resting ionic [Ca²⁺], in muscle from humans with malignant hyperthermia, 77-79
 Louis CF, see Mickelson JR
 Lovelace RE
 see Lange DJ
 see Uncini A
 Low PA: Recent advances in the pathogenesis of diabetic neuropathy, 121-128
 Lunbeck R, see Khoshbin S

M

Maccabee PJ, Amassian VE, Cracco RQ: Focal stimulation of peripheral nerves using the magnetic coil, 642-A
 MacIntosh BR, Kupsh CC: Staircase, fatigue, and caffeine in skeletal muscle in situ, 717-722
 Mallart A, see Bournaud R
 Maloney P, see Shankar K
 Mandel S, see Platt K
 Margolis RN, see Baker JH
 Martinelli V, see Comi G
 Maselli R, see Soliven B
 Maselli RA, see Spire JP
 Maselli RA, Cashman N, Salazar E, Spire JP, Roos R: Impairment of neuromuscular transmission in patients with prior history of poliomyelitis, 665-A
 Massey JM
 see Krendel DA
 see Nandedkar SD
 Massey JM, Grandis AS, Sanders DB: Single fiber electromyography in myasthenia gravis during pregnancy, 667
 Massini R, see Caruso G
 Masuda K, see Kawai H
 Matloub H, see Wertsch JJ
 Matsumoto K, see Shen D-G
 Mayer RF, see Sellman MS
 McCaffrey M, see Spire JP
 McComas A, see Garner SH
 McCormick KM, see Clarkson PM
 McGill KC
 see Dorfman LJ
 see Howard JE
 McKay WB, see Beric A
 McLennan IS
 Characterization of a prostaglandin dysfunction myopathy, 801-809
 Distribution of fiber types within a skeletal muscle: factors governing the distribution within a fascicle, 671-L
 McLeod JG, see Ouvrier RA
 Medagliani S, see Comi G
 Medina P
 see Condrescu M
 see Lopez JR
 Meer J, see Uncini A
 Melgaard B, see Andersen K
 Mendell JR
 see Barohn RJ
 see Moxley RT III
 see Sahenk Z
 Meltzer HY, see Arora RC
 Metcalf JC Jr, Wood JB, Bertorini TE: Benign focal amyotrophy: metrizamide CT evidence of cord atrophy. Case report, 338-345
 Meyer FN, see Bassam BA
 Mickelson JR, Thatté HS, Beaudry TM, Gallant EM, Louis CF: Increased skeletal muscle acetylcholinesterase activity in porcine malignant hyperthermia, 723-727
 Miller JP, see Moxley RT III
 Miller RG
 see Olney RK
 AAEE minimonograph #28: injury to peripheral motor nerves, 698-710

Miller RG, Peterson C, Rosenberg NL: Electrophysiologic evidence of severe distal nerve segment pathology in the Guillain-Barre syndrome, 524-529
 Mills KR, see Schrieffer TN
 Mineo I, see Hara N
 Mitsudome A, see Ohnishi A
 Mitsumoto H, see Wong MCW
 Moxley RT III, Brooke MH, Fenichel GM, Mendell JR, Griggs RC, Miller JP, Province MA, Patterson V, CIDD Group: Clinical investigation in Duchenne dystrophy. VI. Double-blind compound trial of nifedipine, 22-33
 Mokuno K, Riku S, Sugimura K, Takahashi A, Kato K, Osugi S: Serum creatine kinase isoenzymes in Duchenne muscular dystrophy determined by sensitive enzyme immunoassay methods, 459-463
 Molgo J, Lemeignan M, Thesleff S: Aminoglycosides and 3,4-diaminopyridine on neuromuscular block caused by botulinum type A toxin, 464-470
 Morgan J, see Arora RC
 Moxley RM, see Torres CF
 Munsat TL, see Van den Bergh P
 Murai Y, see Ohnishi A
 Murray NMF, see Schrieffer TN
 Must R: Experimental investigation of muscular neurotization in the rat, 530-536
 Myklebust R, see Leivseth G

N

Nandedkar SD, see Barkhaus PE
 Nandedkar SD, Sanders DB, Massey JM: Serial quantitative EMG studies in motor neuron disease, 661-A
 Navarro X, see Kennedy WR
 Nelson KR, see Reincke H
 Nelson KR, Harmon M: EMG and clinical evaluation of delayed polio weakness, 660-A
 Newham DJ
 see Edwards RHT
 see Jackson MJ
 Nielsen VK, see Robinson LR
 Nilsson J, see Panizza M
 Nishida Y, see Kawai H
 Nishino H, see Kawai H
 Nix WA, Dahm M: The effect of isometric short-term electrical stimulation on denervated muscle, 136-143
 Nonaki I, see Highuchi I
 Nutter PB, see Andary MT
 Nutter PB, Fitts SS, Hammond MC, Kraft GH: Maximal voluntary recruitment amplitudes in upper motor neuron paralysis, 665-A

O

Obinata T, Shinbo K: Slow-type C-protein in dystrophic chicken fast pectoralis muscle, 351-358

O'Brien J, see Bach JR
 Odusote K, see Eisen A
 Oh SJ
 see Joy JL
 Abnormal single fiber electromyography in chronic demyelinating neuropathy, 657-A
 Oh SJ, Chang CW: Conduction block and dispersion in hereditary motor sensory neuropathy, 656-A
 Ohnishi A, Mitsudome A, Murai Y: Primary segmental demyelination in the sural nerve in Cockayne's syndrome, 163-167
 O'Hira T, see Spire JP
 Olney RK, see Alexander LO
 Olney RK, Budingen HJ, Miller RG: The effect of temporal dispersion on compound action potential area in human peripheral nerve, 728-733
 Olsson T, see Strigård K
 Osugi S, see Mokuno K
 Ouvrier RA, McLeod JG, Conchin T: Morphometric studies of sural nerve in childhood, 47-53

P

Palliyath S
 see Buday J
 see Holden L
 Palliyath S, Smith E Jr: Cheiralgia paresthetica, 664-A
 Panizza M, Nilsson J, Hallett M: Optimal stimulus duration for the H reflex, 659-A
 Park CR, see Serafin WE
 Park JH, see Serafin WE
 Paroski M, see Fine EJ
 Parry GJ, Linn DJ: Remarkable resistance of the nerve to ischemia: a reply, 183-L
 Pascuzzi RM, see Levin R
 Pate JW, see Bhattacharya SK
 Patterson M, see Davies KE
 Patterson V, see Moxley RT III
 Paty D, see Eisen A
 Pavot AP, Lightfoote WE II, Ignacio D: Correlation of short-latency somatosensory evoked potentials to mental status of patients with acute cerebrovascular accident, 643-A
 Pelosi L, see Caruso G
 Perlik SJ, see Feinerman GS
 Perlik SJ, Burke A, Fisher MA: A clinical electrophysiologic study of therapeutic benefit of high-dose intravenous steroid therapy in arachnoiditis, 651-A
 Perlik SJ, Fisher MA: Somatosensory evoked response evaluation of cervical spondylitic myelopathy, 481-489
 Perretti A, see Caruso G
 Persing JA, see Phillips LH
 Petajan JH
 see Alderson MK
 Incremental recruitment analysis: early recruitment, 662-A
 Petajan JH, Currey K: Late onset muscle weakness and atrophy from undiagnosed poliomyelitis, 665-A

Peterson C, see Miller RG
 Peterson GW, Will AD, Shook JE: The superior value of using cervical potentials during intraoperative spinal cord monitoring with somatosensory evoked potentials, 644-A
 Peterson M, see Soliven B
 Pette D, see Vrbová G
 Phillips LH II, see Levin R
 Phillips LH, Persing JA, Stanton C, VandenBerg SR: Electrophysiologic findings in hypertrophic mononeuropathy, 648-A
 Platt K, Baran EM, Kresch E, Mandel S, Whitenack S, Betz R: Standard curve and correlation analysis of somatosensory evoked potentials, 668-A
 Pollard JD: A critical review of therapies in acute and chronic inflammatory demyelinating polyneuropathies, 214-221
 Portwood MM, see Taylor RG
 Powell HC: Obituary, Peter Wilhelm Lampert (1929-1986), 677-678
 Prentice DA, see Dunne JW
 Prescott S, see Rouleau G
 Prevec TS, see Beric A
 Pridgen RM, see Campbell WW
 Province MA, see Moxley RT III
 Purvis S, see Eisen A

Q

Quinlan JG, Iazzo PA, Litchy WJ, Lambert EH: A unique negative staircase twitch response in "Lambert-Brodie disease," 657-A

R

Radda GK, see Lane RJM
 Radecki PL: The evolution of neurodiagnostic findings in Lambert-Eaton syndrome, 648-A
 Ragno M, see Caruso G
 Ranatunga KW
 see Wylie SR
 Effects of acidosis on tension development in mammalian skeletal muscle, 439-445
 Rechthand E, see Cornblath DR
 Reese KC, see Rivner MH
 Reincke H, Nelson KR: Duchenne's electrodiagnosis of poliomyelitis, 660-A
 Rhee EK, England JD, Sumner AJ: A computer simulation of "conduction block" produced by phase cancellation, 645-A
 Ricker K, see Lehmann-Horn F
 Riku S, see Mokuno K
 Riley DA, Ellis S, Slocum GR, Satyanarayana T, Bain JLW, Sedlak FR: Hypogravity-induced atrophy of rat soleus and extensor digitorum longus muscles, 560-568
 Rivner MN, Reese KC, Copson MO: A microcomputer-based EMG database system, 668-A

Robertson W, see Eisen A
 Robinson LR, Nielsen VK, Samosky J:
 Limits of normal nerve function
 during high-frequency stimulation,
 657-A
 Rogers L, see Donofrio PD
 Ronnevi L-O, Conradi S, Karlsson E,
 Sindhupak R: Nature and properties
 of cytotoxic plasma activity in
 amyotrophic lateral sclerosis, 734-743
 Roos R, see Maselli RA
 Rosen JL, see Brown MJ
 Rosenberg NL, see Miller RG
 Rouleau G, Karpati G, Carpenter S, Soza
 M, Prescott S, Holland P: Glucocorticoid
 excess induces preferential depletion
 of myosin in denervated skeletal
 muscle fibers, 428-438
 Round JM, see Jackson MJ
 Rowed DW, see Houlden DA
 Rowland LP, see Galassi G
 Rüdel R, see Lehmann-Horn F
 Ruitenbeek W, see Haverkort-Poels PJE

S

Sahenk Z, Brady ST, Mendell JR:
 Studies on the pathogenesis of
 vincristine-induced neuropathy, 80-84
 Saito S, see Kawai H
 Sakai T, Antoku Y: Decreased
 plasmalogen ratios in cultured skin
 fibroblasts from myotonic dystrophy,
 626-628
 Salanga V, see Donofrio PD
 Salanga VD, see Wong MCW
 Salazar E, see Maselli RA
 Salmons S: Fiber types in and around
 fascicles, 85-L
 Reanalysis: impulse activity and fiber
 type transformation: a reply,
 839-840-L
 Samosky J, see Robinson LR
 Sanders DB
 see Barkhaus PE
 see Gilchrist JM
 see Krendel DA
 see Massey JM
 see Nandedkar SD
 Ephaptic transmission in hemifacial
 spasm: a single fiber EMG study,
 663-A
 Sanders DB, Droege T: A
 computer-based EMG report-
 generation and database system, 669-A
 Sanders DB, Howard Jr JF: SFEMG in
 myasthenia gravis: a reply, 837-L
 Sano M, see Sugita H
 Santoro L, see Caruso G
 Sarka G, Beydoun SR, Graham R:
 Continuous muscle-fiber activity
 (Isaac's syndrome) in two patients with
 restricted distribution, 663-A
 Sasseville R, see Tremblay JP
 Satyanarayana T, see Riley DA
 Schelhorn TB, see Dubose L
 Schellens RLLA, see Schoonhoven R
 Schoonhoven R, Schellens RLLA,
 Stegeman DF, Gabreëls-Festen
 AAWM: Sensory potentials and sural

nerve biopsy: a model evaluation,
 246-262
 Schrieffer TN, Mills KR, Murray NMF,
 Hess CW: Magnetic brain stimulation
 in functional weakness, 643-A
 Schwartz ML, see Houlden DA
 Sedlak FR, see Riley DA
 Segal BM, see Bromberg MB
 Sellman MS, Mayer RF: Conduction
 block in hereditary neuropathy with
 susceptibility to pressure palsies,
 621-625
 Serafin WE, Dement SH, Brandon S,
 Hill EJ, Park CR, Park JH:
 Interactions of vitamin E and
 pencillamine in the treatment of
 hereditary avian muscular dystrophy,
 685-697
 Sethi RK, Bauer S, Dyro F, Krarup C:
 Modulation of the bulbocavernosus
 reflex during voiding-loss of inhibition
 in upper motor neuron lesions, 663-A
 Shankar K, Maloney P: Spinal accessory
 nerve conduction study, 649-A
 Sharman RB, see Enrikin RK
 Shelton GD, Cardinet GH III, Bandman
 E: Canine masticatory muscle
 disorders: a study of 29 cases,
 753-766
 Shen D-G, Araki M, Higuchi I,
 Matsumoto K, Tamai M, Liu K-T,
 Sugita H: The effect of DDB on
 dystrophic hamsters: an in vivo and in
 vitro study, 391-396
 Sherwood AM, see Dimitrijevic MM
 Shields RW Jr, Clark MJ, Harris JW:
 Mononeuropathy in sickle cell anemia,
 665-A
 Shimizu T, see Hara N
 Shinbo K, see Obinata T
 Shook JE, see Peterson GW
 Silber DI, see Cohen MH
 Sinkhupak R, see Ronnevi L-O
 Sirdofsky MD: Progressive motor neuron
 disease associated with electrical injury,
 656-A
 Sjöström M, Lexell J, Downham D:
 Fascicles do not have to be static
 structures!, 471-L
 Slimp JC, Stolov WC: Thoracic
 dermatomal somatosensory evoked
 potentials in the analysis of thoracic
 level spinal cord and root disease,
 645-A
 Slater N, see Hallett M
 Slocum GR, see Riley DA
 Smith E
 see Buday J
 see Holden L
 Smith E Jr, see Palliyath S
 Smith PEM, see Coakley JH
 Smith T, see Davies KE
 Snow MH, Chortkoff BS: Frequency of
 bifurcated muscle fibers in
 hypertrophic rat soleus muscle,
 312-317
 Soliven B
 see Spire JP
 see Uncini A
 Soliven B, Maselli RA, Jaspens J, Green A,
 Graziano H, Peterson M, Spire J-P:
 Sympathetic skin response in diabetic
 neuropathy, 711-716

Soria E, see Fine EJ
 Soza M, see Rouleau G
 Spalla M, Kuo TH, Wiener J:
 Calcium-activated protease in hamster
 cardiomyopathy, 54-59
 Spire JP
 see Maselli RA
 see Soliven B
 Spire JP, Maselli RA, Soliven B,
 McCaffrey M, Welsh D, Crate JR,
 O'Hira T: Magnetic stimulation of the
 human peripheral nervous system,
 643-A
 Stadhouders AD, see Farrants GW
 Stanton C, see Phillips LH
 Stegeman DF, see Schoonhoven R
 Stern R, Gold J, DiCarlo EF: Myopathy
 complicating the acquired immune
 deficiency syndrome, 318-322
 Stevens JC
 see Veilleux M
 AAEE Minimonograph #26: The
 electrodiagnosis of carpal tunnel
 syndrome, 99-113
 Stewart JD: Sensory action potential
 amplitudes are smaller in manual
 versus sedentary workers, 655-A
 Stewart-Wynne EG, see Dunne JW
 Stolov WC
 see Andary MT
 see Slimp JC
 SFEMG in myasthenia gravis, 837-L
 Streib EW
 AAEE Minimonograph #27:
 Differential diagnosis of myotonic
 syndromes, 603-615
 Paramyotonia congenita: successful
 treatment with tocainide. Clinical
 and electrophysiologic findings in
 seven patients, 155-162
 Strickland KP, see Klamut HJ
 Strigård K, Brismar T, Olsson T,
 Kristensson K, Klareskog L:
 T-lymphocyte subsets, functional
 deficits, and morphology in sciatic
 nerves during experimental allergic
 neuritis, 329-337
 Sugimura K, see Mokuno K
 Sugita H
 see Higuchi I
 see Shen D-G
 Sugita H, Higuchi I, Sano M, Ishiura S:
 Trial of cysteine proteinase inhibitor,
 EST, in experimental chloroquine
 myopathy in rats, 516-523
 Sumner AJ
 see England JD
 see Kaji R
 see Rhee EK
 Suzuki K, see Hara N
 Swash M, see van der Walt JD

T

Takahashi A, see Mokuno K
 Takayanagi T, see Konagaya M
 Talalla A, see Dyro FM
 Tamai M, see Shen D-G
 Tarui S, see Hara N
 Taylor DJ, see Lane RJM
 Taylor RG, Lieberman JS, Portwood

MM: Ischemic exercise test: failure to detect partial expression of McArdle's disease, 546-551

Thatté HS, see Mickelson JR

Thesleff S, see Molgó J

Tindall A, see Leivseth G

Toly TM, see Levin R

Torres CF, Moxley RM: Longitudinal clinical and electrodiagnostic findings in hypothyroid neuromyopathy, 667-A

Toyka KV, Heininger K: Humoral factors in peripheral nerve disease, 222-232

Tremblay JP, Grégoire L, Sasseville R, Belhumeur C: Repeated stimulation of the dystrophic mouse neuromuscular junctions, 303-311

Triffetti P, see Clarkon PM

Triulzi F, see Comi G

U

Uncini A, see Younger DS

Uncini A, Lange DJ, Lovelace RE: Martin-Gruber anastomosis in median and ulnar lesions, 652-A

Uncini A, Lange DJ, Soliven B, Meer J, Lovelace RE: Ring finger testing: the most sensitive technique to detect mild carpal tunnel syndrome, 647-A

Upton J, see Krarup C

V

VandenBerg SR, see Phillips LH

Van den Bergh P, Kelly JJ Jr, Adelman L, Munsat TL, Jackson IMD, Lechan RM: Effect of spinal cord TRH deficiency on lower motorneuron function in the rat, 397-405

van der Linden C, see Dimitrijevic MR

van der Walt JD, Swash M, Leake J, Cox EL: The pattern of involvement of adult-onset acid maltase deficiency at autopsy, 272-281

VanThiel D, see Katirji MB

Veilleux M, Stevens JC: Syringomyelia: electrophysiologic aspects, 449-458

Vrbová G, Pette D: Reanalysis: impulse activity and fiber-type transformation: a reply, 569-L

W

Walker FO, see Donofrio PD

Walker FO, Harpold GJ, Donofrio PD, Ferrell WG: Fasciculations: a correlation of findings on EMG with ultrasound, 659-A

Walton J, see Lane RJM

Warden M, Cohen LG, Hallett M, Dambrosia J: Excitability of mechanically and electrically evoked blink reflexes, 653-A

Warmolts JR, see Barohn RJ

Warner CL, see Lange DJ

Watson D, see Cornblath DR

Wechsler LR, see Katirji MB

Weir AI, see Jamal GA

Welsh D, see Spire JP

Wertsch JJ, Matloub H: The need for isolated digital nerve studies in distal ulnar sensory lesions, 655-A

Whistler T, see Isaacs H

Whitenack S, see Platt K

Wiechers DO

A simple comprehensive electrodiagnostic study for the difficult carpal tunnel diagnosis, 647-A

New concepts of the reinnervated motor unit, 661-A

Wiener J, see Spalla M

Wilbourn AJ

see Anstandig J

see Chamely A

see Donofrio PD

see Lederman RJ

see Levin KH

Wilbourn AJ, Husid M, Chamely A: Root innervation of the short head of the biceps femoris as determined by EMG examination, 646-A

Will AD, see Peterson GW

Wineinger MA, Litchy WJ, Jack CR: Electrophysiologic findings in surgically defined lumbosacral radiculopathies, 646-A

Wong MCW, Salanga VD, Chou S, Mitsumoto H, Kozachuk W, Liwnicz B: Immune-associated paraneoplastic motor neuron disease and limbic encephalopathy, 661-A

Wood JB, see Metcalf JC Jr

Wright N, see Eisen AA

Wylie SR, Ranatunga KW: Temperature dependence of contraction characteristics in developing rat muscles, 775-782

Y

Yalla SV, see Dyro FM

Yamada Y, see Hara N

Yee WC, see Cornblath DR

Yoon J, see Barry DT

Younger DS, Uncini A, Lange DJ: Recurrent myoglobinuria in association with human immunodeficiency viral infection, 667-A

Z

Ziegelmiller D, see Cohen MH

SUBJECT INDEX TO VOLUME 10

This index gives the first author (in parentheses) and the first page of the article, abstract, or letter in which the indexed subject occurs. The reader is referred to the author index for the full title and the following code: A = abstract, L = letter.

A

- Acquired immune deficiency syndrome myopathy (Stern) 318
- Acetylcholinesterase malignant hyperthermia (Mickelson) 723
- Adynamia episodica hereditaria membrane physiology (Lehmann-Horn) 363
- Amyotrophic lateral sclerosis cytotoxic plasma activity (Ronnevi) 734
- electrophysiological studies (Bradley) 490
- Amyotrophy benign focal (Metcalf) 338
- Autonomic function in neuropathy (Idiaquez) 652-A

B

- Blink reflex excitability (Warden) 653-A
- Book reviews
 - Diagnosis Pathology of Skeletal Muscle and Nerve (Schochet) 841
 - Comparative Neurobiology (Cohen and Strumwasser) 87
 - In Sunshine and in Shadow: Personal Portraits of ALS (Lou Gehrig's Disease) (Oliver, Findlay, and Schudy) 377
 - Myology, Basic and Clinical (Engel and Banker) 841
 - The Muscle Spindle (Boyd and Gladden) 87
 - Orthostatic Hypotension (Schatz) 87
- Brachial plexopathy electrophysiology (England) 60
- liver transplantation (Katriji) 651-A

C

- Cardiomyopathy calcium-activated protease in hamsters (Spalla) 54

- Carpal tunnel syndrome electrodiagnosis (Stevens) 99
- electrodiagnostic study (Wiechers) 647-A
- nerve refractory studies (Holden) 652-A
- ring finger testing (Uncini) 647-A
- Cockayne's syndrome segmental demyelination (Ohnishi) 163
- Codispersion index model of denervation-reinnervation (Cohen) 251
- Corticosteroid effect on denervated muscle myosin (Rouleau) 428
- Creatine kinase distal myopathy (Galassi) 346
- in blood of DMD patients (Jackson) 15
- isoenzymes in DMD (Mokuno) 459
- isoforms following exercise (Clarkson) 41
- needle electromyography (Levin) 242

E

- Eaton-Lambert syndrome improvement after exercise (Joy) 671-L
- neurodiagnostic findings (Radecki) 648-A
- Electrodiagnosis history, Duchenne (Reincke) 660-A
- Electromyography automatic decomposition (Dorfman) 668-A
- computer assisted studies in inflammatory myopathy (Barkhaus) 662-A
- computerized tomography comparison (Buday) 652-A
- creatine kinase and needle EMG (Levin) 242
- fasciculations correlated with ultrasound (Walker) 659-A
- impulse activity and fiber-type transformation (Vrbová) 569-L

- intramyotomal distribution (Chamely) 654-A
- median neuropathies (Gross) 653-A
- microcomputer database (Rivner) 668-A; (Sanders) 669-A
- needle electrode type and motor unit action potentials (Howard) 653-A; (Chu) 654-A
- pain in needle EMG (Khoshbin) 629
- polymyalgia rheumatica (Bromberg) 657-A
- postpolio muscular atrophy (Nelson) 660-A
- postpolio syndrome (Feldman) 660-A
- rectus abdominal muscle (Cornblath) 376-L
- responses evoked by electrical stimulation of cortex (Dimitrijevic) 642-A
- root innervation of short head of biceps femoris muscle (Wilbourn) 646-A
- tremor studies in 1889 (Fine) 655-A
- twitch response in "Lambert-Brodie Disease" (Quinlan) 657-A
- upper motor neuron dysfunctions (Dimitrijevic) 666-A
- Electromyography, macro new electrode for concentric trigger (Jabre) 662-A
- Electromyography, quantitative motor neuron disease (Nandedkar) 661-A
- Electromyography, single fiber chronic demyelinating neuropathy (Oh) 657-A
- chronic progressive external ophthalmoplegia (Krendel) 299
- hemifacial spasm (Sanders) 663-A
- myasthenia gravis during pregnancy (Massey) 667-A
- Electrophysiological studies aberrant reinnervation (Krarup) 646-A
- amyotrophic lateral sclerosis (Bradley) 490
- arteriovenous malformation (Armon) 659-A

- botulinum type A toxin poisoning (Molgó) 464
- chronic inflammatory demyelinating polyneuropathy (Barohn) 650-A
- critical illness (Bolton) 129
- distal nerve pathology in Guillain-Barré syndrome (Miller) 524
- distant effects of injection of botulinum type A toxin (Lange) 552
- facial myokymia (Horowitz) 422
- Friedreich's ataxia (Caruso) 503
- hemifacial spasm (Horowitz) 422
- hypertrophic mononeuropathy (Phillips) 648-A
- injury to peripheral motor nerves (Miller) 810
- in lumbosacral radiculopathies (Wineinger) 646-A
- intravenous corticosteroids in arachnoiditis (Perlik) 651-A
- myotonic syndrome (Streib) 603
- neuralgic amyotrophy (England) 60
- paramyotonia congenita (Streib) 155
- radiation brachial plexopathy (Levin) 656-A
- small fiber neuropathies (Jamal) 537
- subacute combined degeneration (Fine) 655-A
- syringomyelia (Veilleux) 449
- tabes dorsalis (Donofrio) 654-A
- Whipple's disease (Cruz Martínez) 616
- Electrophysiology: clinical**
- arsenic intoxication (Donofrio) 114
- Evoked potentials**
- MRI in multiple sclerosis (Comi) 645-A
- Evoked potentials, somatosensory**
- analysis of thoracic level spinal cord and root disease (Simp) 645-A
- cervical spondylitic myelopathy (Perlik) 481
- correlation to mental status (Pavot) 643-A
- curve and correlation analysis (Platt) 668-A
- in three dimensions (Hassan) 644-A
- magnetic resonance imaging comparison in multiple sclerosis (Eisen) 385
- of posterior tibial nerve (Kaji) 644-A
- plantar neuropathy (Dumitru) 650-A
- spinal (Green) 658-A
- spinal cord injury (Beric) 649-A
- spinal cord injury and craniocervical dislocation (Houlden) 644-A
- spinal cord monitoring (Peterson) 644-A
- Exercise**
- serum creatine kinase isoforms (Clarkson) 41
- rhabdomyolysis (Haverkort-Poels) 45
- F**
- Facial myokymia electrophysiological studies (Horowitz) 422
- Friedreich's Ataxia electrophysiological studies (Caruso) 503
- G**
- Gangliosides
- diabetic neuropathy (Hallett) 822
- Guillain-Barré syndrome electrophysiological studies of distal nerve (Miller) 524
- serum demyelination (Brown) 263
- H**
- Hemifacial spasm electrophysiological studies (Horowitz) 422
- H reflex optimal stimulus duration (Panizza) 659-A
- I**
- Incontinence implanted sacral root stimulators (Dyro) 656-A
- Intramuscular nerves rat (Must) 530
- Isaac's syndrome continuous muscle fiber activity (Sarka) 663-A
- M**
- Malignant hyperthermia
- AChE activity (Mickelson) 723
- calcium concentrations in sarcoplasm (López) 77
- dantrolene sodium (López) 77
- sarcoplasmic reticulum (Condrescu) 238
- McArdle's disease ischemic exercise test (Taylor) 546
- Microtubules vincristine (Sahenk) 80
- Mononeuropathy sickle cell anemia (Shields) 665-A
- Motor endplate potassium channel blockers (Bournaud) 1
- Motor endplate disease murine (Bournaud) 1
- Motor neuron recruitment amplitudes in upper motor neuron paralysis (Nutter) 665-A
- spinal cord TRH deficiency 397
- Motor neuron disease
- benign focal amyotrophy (Metcalf) 338
- electrical injury (Sirdofsky) 656-A
- paraneoplastic MND and limbic encephalitis (Wong) 661-A
- pseudobulbar (Jacome) 666-A
- Motor unit computer analysis (Eisen) 668-A
- recruitment analysis (Petajan) 662-A
- speed changes (Dubose) 744
- Multiple sclerosis evoked potentials and magnetic resonance imaging (Comi) 645-A
- somatosensory, evoked potentials (Eisen) 385
- Muscle**
- acid maltase deficiency at autopsy (VanderWalt) 272
- AMP deaminase, rimmed vacuoles (Higuchi) 790
- calcium-activated protease activity (Baker) 10
- canine masticatory disorders (Shelton) 753
- carnitine palmityl transferase deficiency (Galdi) 666-A
- chronic electrophysiological stimulation (Vrbová) 569-L; (McLennan) 671-L
- complex repetitive discharges (Beydoun) 659-A
- computer model of denervation-reinnervation (Cohen) 826
- C-protein in dystrophic chicken (Obinata) 351
- fatigue (MacIntosh) 717
- fiber types and nerve stimulation (Kaplove) 375-L
- growth and hormones (Florini) 577
- ischemic exercise test (Taylor) 546
- isometric electrical stimulation (Nix) 136
- localization of AMP deaminase in rimmed vacuoles (Higuchi) 790
- magnetic brain stimulation (Schrieffer) 643-A
- magnetic stimulation (Spire) 643-A
- masseter, dogs (Shelton) 753
- muscular neurotization in rat (Must) 530
- myoglobin localization (Kawai) 144
- ³¹P-NMR in exertional muscle pain (Lane) 183-L
- prostaglandin E₂ and protein degradation (Barnett) 556
- purine metabolism in hypoparathyroidism (Hara) 599
- rods in terminal cisternae (Dulhunty) 783
- speed changes in motor units (Dubose) 744
- staircase, fatigue, and caffeine (MacIntosh) 717
- temperature dependence in rat muscle (Wylie) 775
- ultrastructure, diagonal Z-lines (Isaacs) 406
- ultrastructure, terminal cisternae (Dulhunty) 783
- Muscle atrophy induced by hypogravity (Riley) 560
- Muscle biopsy conchotome (Coakley) 670-L
- Muscle contraction effect of acidosis (Ranatunga) 439
- Muscle denervation corticosteroid excess and myosin loss (Rouleau) 428
- stimulation (Nix) 136
- Muscle fatigue twitch potentiation (Garner) 649-A
- Muscle fibers bifurcated fibers in rat soleus (Snow) 312
- Muscle fiber splitting rat (Snow) 312
- Muscle fiber types distribution in and around fascicles (Salmons) 85-L; (Sjöström) 471-L

Muscle function measurements
muscular dystrophy (Edwards) 6

Muscle myopathy
diagonal Z-lines (Isaacs) 406

Muscle physiology
acidosis effect on tension development (Ranatunga) 439

Muscle sounds
neuromuscular disease (Barry) 658-A

Muscle tenotomy
protease activity (Baker) 10

Muscular dystrophy
molecular genetics in humans (Davies) 191
redox-active enzymes (Burr) 150
treatment, DDB in hamsters (Shen) 391

Muscular dystrophy—avian
C-protein (Obinata) 351
interactions of vitamin E and penicillamine (Serafin)

Muscular dystrophy—Duchenne
creatine kinase in blood (Jackson) 15
creatine kinase isoenzymes (Mokuno) 459
end stage respiratory failure (Bach) 177
muscle function measurements (Edwards) 6
nifedipine trial (Moxley) 22
serotonin uptake by platelets (Arora) 359

Muscular dystrophy—hamster
calmodulin (Klamut) 69
cardiomyopathy (Bhattacharya) 168
DDB effects (Shen) 391
EKG changes (Bhattacharya) 168

Muscular dystrophy—mouse
physiology (Entrikin) 293
stimulation of neuromuscular junction (Tremblay) 303

Muscular dystrophy—myotonic
decreased plasmalogen ratios (Sakai) 626

Myasthenia gravis
double-step repetitive stimulation (Gilchrist) 233
magnesium administration (Bashuk) 666-A
SFEMG during pregnancy (Massey) 667-A

Myoglobin
localization in muscle (Kawai) 144

Myoglobinuria
acquired immune deficiency syndrome (Younger) 667-A

Myopathy
acquired immune deficiency syndrome (Stern) 318
chloroquine, treatment with cysteine proteinase inhibitor, EST (Sugita) 516
cysteine proteinase inhibitor, EST, in chloroquine myopathy (Sugita) 516
distal, creatine kinase levels (Galassi) 346
hypoparathyroidism (Hara) 599
hypothyroid neuromyopathy (Torres) 667-A
prostaglandin dysfunction (McLennan) 801
purine metabolism (Hara) 599

Myopathy treatment
rimmed vacuoles and cysteine proteinase inhibitor (Sugita) 516

Myosin
light chain levels in serum in disease (Konagaya) 415

Myotonia
in mouse, physiology (Entrikin) 293

N

Nerve
bilateral anterior interosseous nerve syndrome (Dunne) 446
Cockayne's syndrome (Ohnishi) 163
computer simulation of conduction block (Rhee) 645-A
conduction block, motor unit type (Brown) 646-A
function during high-frequency stimulation (Robinson) 657-A
humoral factors in peripheral nerve disease (Toyka) 222
idiopathic serratus anterior nerve palsy (Bassam) 663-A
injury to peripheral motor nerves (Miller) 810
ischemia (Parry) 183-L
magnetic stimulation (Chokroverty) 642-A
magnetic stimulation (Maccabee) 642-A
Martin-Gruber anastomosis (Uncini) 652-A
peroneal nerve palsy in children (Jones) 664-A
sural action potentials (Schoonhoven) 246
sural nerve morphometry in childhood (Ouvrier) 47
temporal dispersion and compound action potential (Olney) 728

Nerve action potential
amplitude variability (Alexander) 645-A
isolated digital nerve studies (Wertsch) 655-A

Nerve biopsy
sensory potentials (Schoonhoven) 246

Nerve conduction
carpal tunnel syndrome (Stevens) 99
pressure palsies (Sellman) 621
resistance to ischemia (Gieron) 85-L
sensory action potential amplitudes (Stewart) 655-A
spinal accessory study (Shankar) 649-A
spinal cord injury (Gibson) 653-A
velocity and amplitude (Joynt) 650-A

Nerve entrapment
cheiralgia paresthetica (Palliyath) 664-A

Nerve fiber
diabetic neuropathy (Kennedy) 648-A

Nerve median
iatrogenic nerve lesions (Anstandig) 647-A

Nerve physiology
refractory period (Alderson) 323

Nerve regeneration
electrophysiological studies (Krarup) 646-A

Neuromuscular disease
myosin light chain levels in serum (Konagaya) 415
muscle sounds (Barry) 658-A
redox-active enzymes (Burr) 150

Neuromuscular junction
aging rat (Cardasis) 200
botulinum type A toxin poisoning, aminoglycoside and 3,4D AP effect (Molgó) 464
endplate noise analysis (Barry) 662-A
stimulation in the dystrophic mouse (Tremblay) 303

Neuromyopathy
celiac disease (Levin) 648-A

Neuropathy
alcoholic, refractory period (Alderson) 323
alcoholic, vitamin deficiency (Andersen) 650-A
arsenic intoxication (Donofrio) 114
autonomic, diabetes (Soliven) 711
autonomic dysfunction (Idiaquez) 652-A
chronic/acute inflammatory polyneuropathy (Pollard) 214
conduction block in hereditary sensitivity to pressure (Sellman) 621
diabetic, ganglioside therapy (Hallett) 822
diabetic, nerve fiber (Kennedy) 648-A
diabetic, pathogenesis (Low) 121
diabetic, sympathetic skin response (Soliven) 711
experimental allergic, T-lymphocyte subsets (Strigård) 329
focal nerve injury in diabetic polyneuropathy (Feinerman) 651-A
Guillain-Barre syndrome (Brown) 263
hereditary, conduction block and dispersion (Oh) 656-A
humoral factors (Toyka) 222
relative refractory period (Alderson) 323
serum demyelination (Brown) 263
small nerve fibers, electrophysiological studies (Jamal) 537
spinal accessory nerve (Lederman) 664-A
therapy in acute demyelinating polyneuropathies (Pollard) 214
treatment, gangliosides (Hallett) 822
ulnar, flexor carpi ulnaris sparing (Campbell) 652-A
vincristine-induced (Sahenk) 80

Neurophysiologic studies
assessment of anesthesia (Beric) 649-A

Nifedipine
in muscular dystrophy (Moxley) 22

O

Ophthalmoplegia
chronic progressive external, SFEMG (Krendel) 299

P

Paramyotonia congenita
membrane defects (Lehmann-Horn) 633

tocainide treatment (Streib) 155
 Perineuroma
 electrophysiological studies (Phillips)
 648-A
 Physiology
 membrane in adynamia episodica
 hereditaria (Lehmann-Horn) 363
 Plexopathy, brachial
 electrophysiology (England) 60
 Postpolio muscular atrophy
 macro EMG (Lange) 660-A
 Postpolio muscular atrophy
 neuromuscular transmission (Maselli)
 665-A
 serial electrophysiological studies
 (Wiechers) 661-A
 undiagnosed polio (Petajan) 665-A
 Protease, calcium activated
 hamster cardiomyopathy (Spalla) 54

R

Radiculopathy
 sympathetic skin response (Andary)
 658-A
 Reflex
 bulbocavernosus reflex (Sethi) 663-A
 Rhabdomyolysis—exertional
 dantrolene treatment (Haverkort-
 Poels) 45

S

Serotonin
 uptake by Duchenne platelets (Arora)
 359
 Sodium currents
 adynamia episodica hereditaria with
 myotonia (Lehmann-Horn) 363

Syringomyelia
 electrophysiological studies (Veilleux)
 449

T

Thermography
 sympathetic skin response (Green)
 658-A

TRH

spinal cord levels after 5,7-DHT (Van
 den Bergh) 397

W

Whipple's disease
 neuromyopathy (Cruz Martínez) 616